

N^o 3779



A.D. 1899

Date of Application, 20th Feb., 1899

Complete Specification Left, 11th July, 1899—Accepted, 12th Aug., 1899

PROVISIONAL SPECIFICATION.

Improvements in Artificial Eyes.

FRIEDRICH ANTON MÜLLER, ALBERT CARL MÜLLER, Artificial Human Eye Makers, in Wiesbaden, Taunusstrasse 44, Germany, do hereby declare the nature of this invention to be as follows:—

5 The former style of artificial human eyes was a production resembling half a nutshell, that is to say the eye had an open back and consequently rested with the thin edge only on the upper folds of the eye socket.

10 The improvement in the new eye is that it is closed at the back, that it therefore rests on the whole interior surface of the eye socket and that it will consequently produce less mucuous stimulation and will not so quickly tire the wearer. It acts agreeably on the eyelid and has the greatest possible mobility, as it lies on the whole muscle strength.

The back of the new eye is made to fit the socket exactly; it may be made in any shape as illustrated in Fig. 1 to 4.

15 Dated this 27th day of April 1899.

C. VOGELSBERGER.

COMPLETE SPECIFICATION.

Improvements in Artificial Eyes.

20 FRIEDRICH ANTON MÜLLER, ALBERT CARL MÜLLER, Taunusstrasse 44, Wiesbaden, Germany Artificial Human Eye Makers, do hereby declare the nature of this invention and in what manner the same is to be performed, to be particularly described and ascertained in and by the following statement:—

25 The former style of artificial human eyes was a production resembling half a nutshell. They had an open back, consequently there was a cavity behind the shell in which tears and mucus accumulated, and the thin edges were apt to cause scars and subsequently granulation tumours.

30 The new form of artificial human eye has the property of closing in and resting upon the whole interior surface of the eye socket: it is made to fit exactly, so that the muscles work upon it and move it freely, instead of being rigid as the old shells were. As the new eye does not rest merely with the thin edge on the upper folds of the eye socket, but on the whole interior surface of the same, it produces less mucuous stimulation and does not so quickly tire out the wearer.

The eye is made either convex or concave or in any shape according to the shape of the muscular stump upon which it rests.

35 Different shapes are illustrated in Fig. 1 to 4 in drawing left with Provisional Specification.

[Price 8d.]

F. A. and A. C. Müller's Improvements in Artificial Eyes.

Having now particularly described and ascertained the nature of my said invention, and in what manner the same is to be performed, I declare that what I claim is:—

1. This eye is closed at the back towards the orbit and fits the eye socket exactly, therefore rests on the whole muscular strength instead of resting only 5 on the upper folds of the eye socket, as was the case with the old style.
2. It is made either convex or concave or in any other shape according to the shape of the muscular stump and in any suitable material.
3. The eye is moveable.

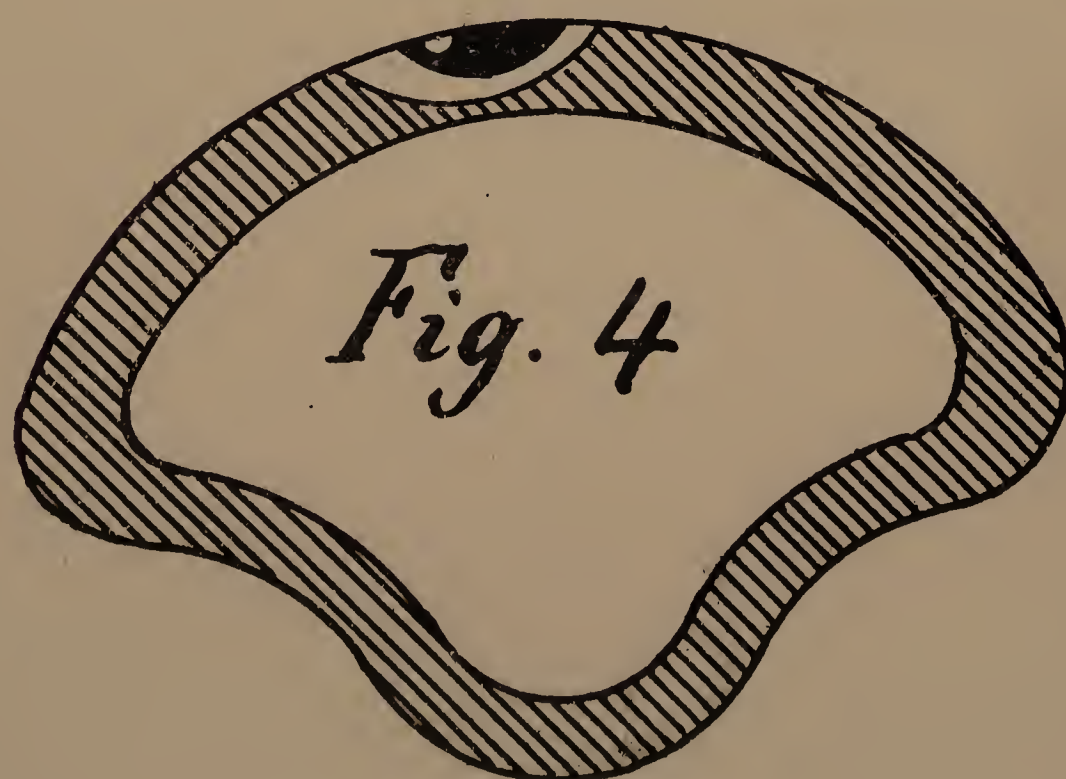
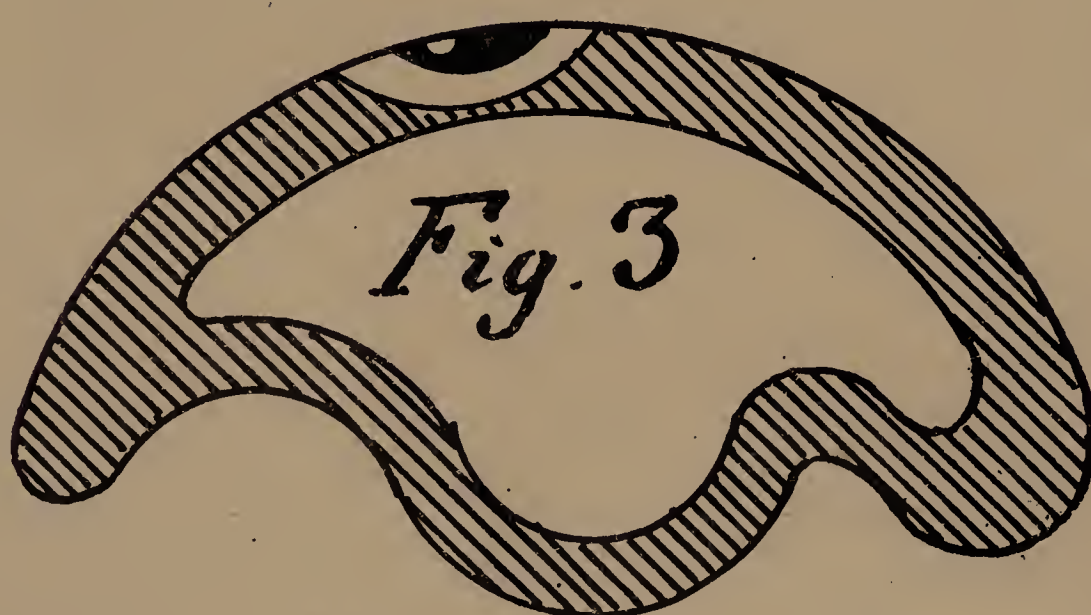
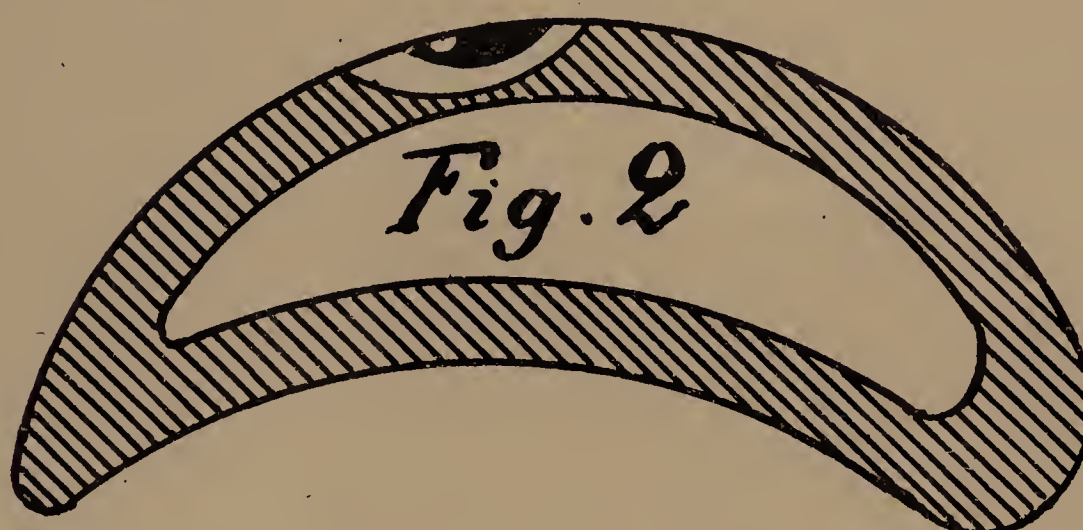
Dated this Eleventh day of July 1899.

C. VOGELSBERGER.

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[This Drawing is a full-size reproduction of the Original.]

